

In re Application of: GEPSTEIN et al  
Serial No.: 10/759734  
Filed: January 29, 2004  
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Examiner: Singh, Anoop Kumar  
Group Art Unit: 1632  
Attorney Docket: 27395

In the specification:

Please amend the Abstract on page 108, with the following paragraph:

**ABSTRACT OF THE DISCLOSURE**

A method of generating cells predominantly displaying at least one characteristic associated with a cardiac phenotype is disclosed. The method comprises (a) partially dispersing a confluent cultured population of human stem cells, thereby generating a cell population including cell aggregates; (b) subjecting ~~said-the~~ cell aggregates to culturing conditions suitable for generating embryoid bodies; (c) subjecting ~~said-the~~ embryoid bodies to culturing conditions suitable for inducing cardiac lineage differentiation in at least a portion of the cells of the embryoid bodies, ~~said-the~~ culturing conditions suitable for inducing cardiac lineage differentiation including adherence of ~~said-the~~ embryoid bodies to a surface, and culture, medium supplemented with serum, thereby generating cells predominantly displaying at least one characteristic associated with a cardiac phenotype.